ENR

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1981 TOP 400 CONSTRUCTION CONTRACTORS

Top Construction Contractors 1980

Jacobs are the third and fourth largest contractors. Brown & Root and Fluor are the two largest domestic contractors.

Jacobs Engineering, in particular, made a sharp move toward top honors, climbing 18 notches above its previous rank. "Business went up dramatically," says Dale J. Myers, president, because of the recovery of serveral specialty areas that we are involved in, such as fertilizers, which had been down for three years and began to boom in 1980. "Phosphates and potash activity has been growing both domestically and internationally," Myers says, adding that the company is well positioned in the minerals market, which he expects to grow for the remainder of the decade.

Raymond International, Inc., Houston, also keyed in on the minerals market as it bounded from 38th place in 1979 to rank No. 11 last year. Raymond benefited from a worldwide boom in the aluminum industry to capitalize on engineering and construction management contracts. "Aluminum work has taken off like a rocket," says F.R. Mason, a Raymond senior vice president. "For years the big aluminum companies reviewed future capacity requirements and then the projects seem to hit all at once." Raymond's largest single award was for a $1.1-billion alumina refinery plant in western Australia. Another strong boost came from the offshore production platform construction market. Mason says "1980 was the year this market turned around and Raymond is gearing up to exploit the offshore market as much as possible."

CM big business. The nation's leading program and construction manager in 1980 was Brown & Root, Inc., with $4.3 billion in management contracts. "The greatest demand for construction management work is in the areas of synfuels, refiner and chemical work and, to some degree, forest products," says B&R's Duke. B&R sometimes takes on jobs where it does engineering and construction management, or where it does the construction as well as construction management, but it seldom takes on jobs involving management only, claims Duke.

Second on the CM list is Ebasco with $3.4 billion in program management work. These are primary projects where Ebasco has limited financial liability but does not use its own work force on the site. Morrison-Knudsen, Jacobs Engineering and Parsons filled in the remaining top manager slots, all taking over $2 billion worth of projects under their supervision.

One of the largest construction managers working on a limited liability basis was Burns and Roe, Inc., Oradell, N.J., which designed, engineered and managed the construction of $1.7 billion worth of work. Another large manager working primarily on a fee basis was Barton-Malow Co., Detroit, which

Top 400

RANK	FIRM	1980 CONTRACTS (IN $ MILLIONS) TOTAL	FOREIGN	CONSTRUCTION SPECIALTY MFG.	POWER	PROCESS	HWY.	MARINE	AIRPORT	BLDG.	CM	DESIGN	ENR SUB-SCRIBERS
1	**Bechtel Group, Inc., San Francisco, Calif.**	10,615.0	8,493.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	1,419
2	**Brown & Root, Inc., Houston, Tex.**	10,144.7	970.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	487
3	**The Parsons Corp., Pasadena, Calif. (a)**	9,423.0	8,283.0	✓	✓	✓	✓	✓	✓	..	✓	✓	301
4	**Fluor Corp., Irvine, Calif. (b)**	9,133.7	4,978.7	✓	✓	✓	..	✓	✓	✓	✓	✓	685
5	**Foster Wheeler Corp., Livingston, N.J.**	4,600.0	2,800.0	✓	✓	✓	..	..	..	..	✓	✓	87
6	**Morrison-Knudsen Co., Inc., Boise, Idaho (c)**	4,348.7	2,418.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	430
7	**C-E Lummus, Bloomfield, N.J.**	4,300.0	2,700.0	✓	..	✓	..	..	..	✓	✓	✓	50
8	**Ebasco Services Inc., New York, N.Y.**	3,711.3	215.4	..	✓	✓	..	✓	✓	✓	✓	✓	320
9	**Jacobs Engineering Group Inc., Pasadena**	3,634.9	1,170.0	✓	..	✓	..	..	..	✓	✓	✓	50
10	**The M.W. Kellogg Co., Houston, Tex. (d)**	3,000.0	1,856.0	..	..	✓	..	..	..	..	✓	✓	112
11	**Raymond International Inc., Houston (e)**	2,718.9	1,395.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	271
12	**The Rust Engineering Co., Birmingham, Ala**	2,567.0	600.0	✓	✓	✓	..	..	..	✓	✓	✓	79
13	**Dravo Corp., Pittsburgh, Pa. (f)**	2,393.5	891.3	✓	✓	✓	..	✓	..	..	✓	✓	276
14	**Turner Construction Co., New York, N.Y.**	2,237.3	294.7	✓	✓	..	..	..	..	✓	✓	..	361
15	**J.A. Jones Construction Co., Charlotte, N.C.**	2,137.9	41.0	✓	✓	✓	✓	..	✓	✓	✓	..	229
16	**Guy F. Atkinson Co., S. San Francisco (g)**	2,137.3	1,224.2	✓	✓	✓	✓	✓	✓	✓	✓	..	166
17	**C.F. Braun & Co., Alhambra, Calif. (h)**	2,130.0	1,980.0	✓	✓	✓	..	..	..	..	✓	✓	67
18	**J. Ray McDermott & Co., Inc., New Orleans (i)**	1,806.0	875.0	..	✓	✓	..	✓	..	✓	..	✓	101
19	**Burns and Roe, Inc., Oradell, N.J.**	1,677.6	22.4	..	✓	✓	..	..	..	..	..	✓	135
20	**The Austin Co., Cleveland, Ohio**	1,482.0	374.6	✓	✓	✓	..	..	✓	✓	✓	✓	12
21	**Blount International, Ltd., Montgomery, Ala.**	1,366.0	44.0	✓	✓	✓	..	..	..	✓	✓	✓	
22	**Davy Inc., Cleveland, Ohio (j)**	1,164.1	386.2	✓	✓	✓	..	✓	..	✓	✓	✓	
23	**Barton-Malow, Detroit, Mich.**	1,154.3	0	✓	..	✓	..	..	..	✓	✓	..	
24	**Stearns-Roger Corp., Denver, Colo.**	1,151.4	141.6	✓	✓	✓	..	..	..	✓	✓	✓	
25	**Peter Kiewit Sons', Inc., Omaha, Neb.**	1,113.9	152.8	✓	✓	✓	✓	✓	✓	✓	..	..	

Figures include prime construction contracts, shares of joint ventures, subcontracts, design-construct, program and construction management. Parent company's total includes subsidiaries. Design-construct contracts included at erected value of plant including installed equipment. Program and construction management contracts included at erected value of project managed.